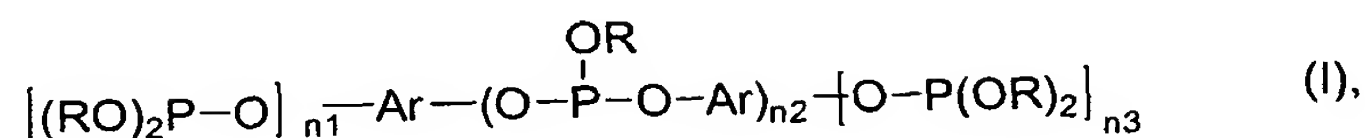


WHAT IS CLAIMED IS:

1. A molding composition containing
  - A) polyalkylene terephthalate and
  - B) 0.041 to 0.095 pbw of at least one of B.1) and B.2 , where
- 5 B.1) is a phosphorous acid ester the molecular structure of which contains at least one oxetane group and at least one radical of a dihydric or polyhydric phenol, and where B.2 is an ester of phosphorous acid the molecular structure of which contains at least one phosphorus-bound hydroxyl
- 10 group (P-OH) and at least one radical of a dihydric or polyhydric phenol, said pbw relating to 100 parts by weight of the total composition containing A) and B).
2. The composition of Claim 1 further containing at least one further component selected from C) fillers and/or reinforcing agents, D)
- 15 flame-proofing additives, E) aromatic poly(ester)carbonate, F) elastomeric modifiers, and G) conventional additives.
3. The composition of Claim 1 wherein said B is present in an amount of 0.051 to 0.075 pbw.
4. The composition of Claim 1 wherein said B is present in an
- 20 amount of 0.055 to 0.065 pbw.
5. The composition of Claim 2 wherein C is present in an amount of 6 to 69 pbw.
6. The composition of Claim 2 wherein D is present in an amount of 5 to 25 pbw.
- 25 7. The composition of Claim 2 wherein E is present in an amount of 6 to 69 pbw.
8. The composition of Claim 2 wherein F is present in an amount of 5 to 29 pbw.
9. The composition of Claim 2 wherein G is present in an
- 30 amount of 0.01 to 5 pbw.

10. The composition of Claim 1 wherein phosphorous acid esters conforms to formula (I)



in which

5  $n_1$  is 1 or an integer  $> 1$ ,

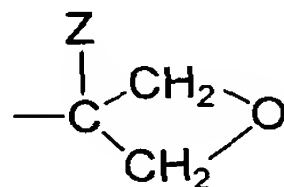
$n_2$  is 0 or an integer  $> 0$ ,

$n_3$  is 1 or an integer  $> 1$ ,

R denotes alkyl, aralkyl, cycloalkyl, aryl or heteroaryl, wherein at least one of the radicals R denotes the radical of a monohydric alcohol containing at least one oxetane group Y, and

10 Ar denotes aryl and wherein for  $n_2 \neq 0$ , Ar may be identical or different.

11. The composition according to claim 10, wherein Y is the heterocyclic radical



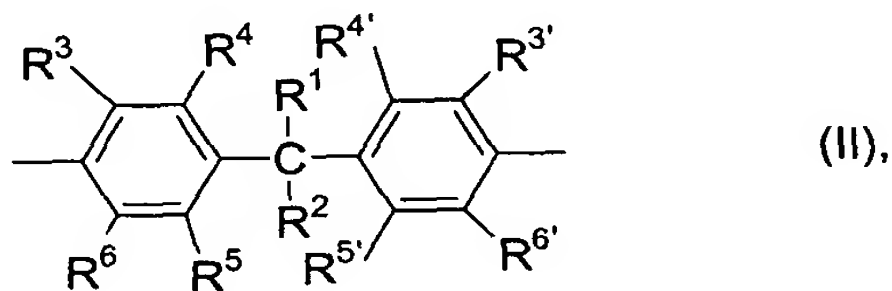
15

wherein

Z denotes a member selected from the group consisting of H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, n-C<sub>5</sub>H<sub>11</sub>, -CH<sub>2</sub>-C<sub>5</sub>H<sub>11</sub>, -CH<sub>2</sub>-O-C<sub>6</sub>H<sub>13</sub> and CH<sub>2</sub>-O-C<sub>2</sub>H<sub>5</sub>.

12. The composition according to claim 10, wherein Ar

20 corresponds to a radical of the formula (II)

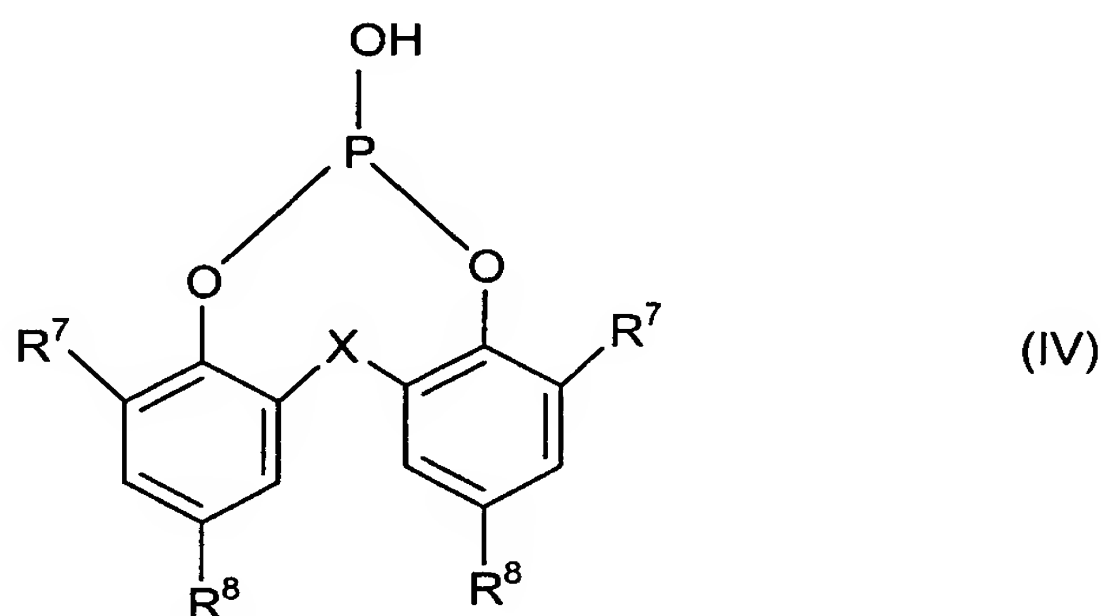


wherein

$R^1$  and  $R^2$  are identical or different and denote H,  $C_1$ - $C_{18}$  alkyl, mononuclear or polynuclear  $C_3$ - $C_6$  cycloalkyl, or mononuclear or polynuclear  $C_6$ - $C_{18}$  aryl,

- 5  $R^3$ ,  $R^{3'}$ ,  $R^4$ ,  $R^{4'}$ ,  $R^5$ ,  $R^{5'}$ ,  $R^6$  and  $R^{6'}$  are identical or different and denote H,  $C_1$ - $C_{18}$  alkyl, mononuclear or polynuclear  $C_3$ - $C_6$  cycloalkyl, mononuclear or polynuclear  $C_6$ - $C_{18}$  aryl,  $C_1$ - $C_{18}$  alkoxy,  $C_1$ - $C_{18}$  aryloxy or halogen.

13. The composition according to Claim 1 wherein B conforms to formula (IV)



wherein

$R^7$  and  $R^8$  are identical or different and denote  $C_1$ - $C_9$  alkyl,  $C_5$ - $C_6$  cycloalkyl,  $C_7$ - $C_9$  aralkyl or  $C_6$ - $C_{10}$  aryl and

- 15 X denotes -S- or  $R^9$ -CH where  $R^9$  denotes hydrogen,  $C_1$ - $C_6$  alkyl or  $C_5$ - $C_6$  cycloalkyl.

14. The composition according to Claim 2 wherein component F is one or more graft polymers of

F.1 5 - 95 parts by weight (relative to 100 parts by weight of F) of at least one vinyl monomer grafted on

- 20 F.2 95 - 5 parts by weight (relative to 100 parts by weight of F) of one or more graft bases having glass transition temperatures of  $< 10^\circ\text{C}$ .

15. A method of using the composition according to Claim 1 comprising producing molded parts.

16. A molded article comprising the composition of Claim 1.